

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An adjusting ~~Adjusting~~ device for adjusting a camshaft ~~[(20)]~~ relative to a camshaft gear wheel ~~[(30)]~~ driven by a crankshaft, comprising first and second parts ~~(2, 3)~~ provided for the adjusting the camshaft arranged on the camshaft gear wheel ~~[(30)]~~ and on the camshaft ~~[(20)]~~, and the adjusting device further comprises an input shaft ~~[(4)]~~, an eccentric drive element ~~(4.2, 6)~~ that can be driven by the input shaft, the first part ~~[(2)]~~ including webs ~~(2.3, 22.3)~~, which are spaced apart in a peripheral direction and between which chambers ~~(2.4)~~ are formed, the second part ~~[(3)]~~ including internal gearing ~~(3.2, 13.2)~~, and several teeth ~~(7, 27)~~, which are arranged in the chambers ~~(2.4)~~ spaced apart from each other in the peripheral direction, each having an inner contact surface ~~(7.4)~~ for contact with ~~[[a]]~~ the eccentric drive element ~~[(6)]~~ and an outer contact surface ~~(7.5)~~ for engagement in the internal gearing ~~(3.2, 13.2)~~ and which are adjustable in a radial direction when the input shaft ~~[(4)]~~ rotates, wherein when the input shaft ~~[(4)]~~ rotates, the first and the second parts ~~(2, 3)~~ can rotate relative to each other in a self-locking way through engagement of the teeth ~~(7, 27)~~ in the webs ~~(22.3)~~ and in the internal gearing ~~(3.2)~~, and when the input shaft ~~[(4)]~~ rotates, the teeth ~~(7, 27)~~ in the chambers ~~(2.4)~~ can execute rotational movements about rotational axes parallel to a rotational axis (A) of the first and the second parts ~~(2, 3)~~.

2. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 1, wherein when the input shaft ~~[(4)]~~ rotates, each of the teeth ~~(7, 27)~~ can be guided on a first circular-arc path radially inwardly and then on a second circular-arc path radially outwardly.
3. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 1, wherein a control surface ~~(5.2)~~ is provided for engagement in the teeth ~~(7, 27)~~, wherein torque can be exerted on the teeth ~~[(7)]~~ by the control surface ~~(5.2)~~ for executing the rotational movements.
4. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 3, wherein the teeth ~~(7, 27)~~ are supported radially inwardly by the drive element ~~[(6)]~~ and the control surface ~~(5.2)~~ is led into engagement with an inner contact surface ~~(7.4)~~ of one of the teeth ~~(7, 27)~~ only in radially inner positions of the tooth ~~(7, 27)~~.
5. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 3, wherein the control surface is a control gearing region ~~(5.2, 15.2)~~ of a control gear wheel ~~(5, 15)~~.
6. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 5, wherein the control gearing region is an external gearing region ~~(5.2, 15.2)~~ of an external gear wheel ~~(5, 15)~~ rotationally fixed to the second part ~~[(13)]~~.
7. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 5, wherein the control gear wheel ~~(5, 15)~~ is supported so that it can rotate freely about the rotational axis (A) of the parts.

8. (Currently Amended) The adjusting ~~Adjusting~~ device according to one of Claim 3, wherein an axially projecting tab ~~(7.9)~~, which is held in a guide ~~(2.7)~~ of the first part ~~[(2)]~~, is formed on the tooth ~~(7, 27)~~.

9. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 8, wherein the guide is a recess ~~(2.7)~~ formed in the first part ~~[(2)]~~ between the webs ~~(22.3)~~.

10. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 8, wherein the guide ~~(2.7)~~ tapers towards the rotational axis.

11. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 10, wherein the tooth ~~(7, 27)~~ can rotate in a radially inner position about a rotational axis defined by the tab ~~(7.9)~~.

12. (Currently Amended) The adjusting ~~Adjusting~~ device according to one of Claim 1, wherein on side surfaces of the teeth and the webs acting as sliding surfaces, the teeth ~~[(27)]~~ and the webs ~~[(22)]~~ have shoulder regions ~~(22.4, 27.1)~~, which are led into contact with each other.

13. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 1, wherein the webs ~~(2.3, 22.3)~~ taper towards the rotational axis.

14. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 3, wherein the control surface ~~(15.2, 5.2)~~ is formed on a control disk ~~(5, 15)~~, which can

rotate via the input shaft ~~[[4]]~~, with a frictional connection between the control surface ~~(5.2, 15.2)~~ and the radially inner contact surfaces ~~(7.4)~~ of the teeth in radially inner positions thereof.

15. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 14, wherein the control disk ~~[[5]]~~ is led into engagement with the inner contact surfaces ~~(7.4)~~ of the teeth ~~(7, 27)~~ only in the control surface ~~(5.2)~~.

16. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 14, wherein the control disk ~~[[6]]~~ is fixed rigidly on the drive shaft ~~[[4]]~~, by a locking tab of the drive shaft ~~[[4]]~~, which is guided by a locking recess of the control disk ~~[[5]]~~.

17. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 1, wherein the webs ~~(2.3, 22.3)~~ have in a radially center region ~~(2.6)~~ a taper with concave side surfaces ~~(2.5)~~.

18. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 1, wherein the teeth ~~(7, 27)~~ each have a center region ~~(7.6)~~ connecting the regions ~~(7.2, 7.3)~~ to at least partially concave side surfaces ~~(7.7)~~ between a radially inner region ~~(7.2)~~, which has the inner contact surface ~~(7.4)~~, and a radially outer region ~~(7.3)~~, which has the outer contact surface ~~(7.5)~~, for sliding and/or rolling contact on the webs ~~(2.4)~~.

19. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 1, wherein the drive element is an eccentric ring ~~[[6]]~~, which is guided in a sliding

manner on an eccentric disk ~~(4.2)~~ of the drive shaft ~~[(4)]~~.

20. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 19, wherein the eccentric ring ~~[(6)]~~ executes a wobble movement, essentially without rotation, wherein the inner contact surfaces of the teeth ~~(7, 27)~~ roll on the eccentric ring ~~[(6)]~~.

21. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 1, wherein the teeth ~~(7, 17, 27)~~ are biased in a radial direction.

22. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 21, wherein the teeth ~~(7, 17, 27)~~ are biased towards the rotational axis and have axially extending projections ~~(7, 1, 17, 1)~~ or regions, around which is set an elastic ring ~~(8, 18)~~ biased towards the rotational axis.

23. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 21, wherein the teeth ~~(7, 17, 27)~~ are biased radially outwardly and between an eccentric disk ~~(4.2, 14.2)~~ and the input shaft ~~(4, 14)~~ there is a biasing spring element ~~(4.3)~~, which presses the eccentric disk ~~(4.2, 14.2)~~ radially outwardly away from the input shaft ~~(4, 14)~~.

24. (Currently Amended) The adjusting ~~Adjusting~~ device according to Claim 23, wherein the biasing spring element ~~(4.3)~~ is mounted through at least partial plastic deformation between the input shaft ~~[(4)]~~, and the eccentric disk ~~(4.2, 14.2)~~.